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AGRICULTURAL REPORT.

From 20th December, 1811, to January 20th, 1812.

SINCE the last report the weather has generally been milder than is usual for the season, and has afforded a favourable opportunity to those who were disposed to embrace it, of putting forward the necessary work of ploughing for spring crops, and several farmers have already nearly accomplished the tillage of their grounds, yet it is to be regretted that a great majority of the occupiers of land have scarcely commenced that necessary part of their labour, and will, as it often happens, in wet seasons, subject themselves to the trouble and inconvenience of performing a great deal of ploughing in a short space of time, and perhaps at the very time they ought to be sowing their grain.

Grain of every kind has considerably advanced in price this month, and will probably be higher. Oat-meal is selling in many parts of the country so high as from 27 to 29 shillings per hundred, and potatoes appear to be so scarce in several districts as to sell from 7d. to 9d. per stone.

Beef and mutton are likely to be high during the spring, the failure of the potato crop has prevented the smaller farmers, who do not sow turnips, from feeding cattle, and the supply of the markets will therefore depend principally on the stock in the hands of the larger farmer.

Flax continues to be in demand, and the prices will consequently keep up: it is generally believed that the stock of that necessary article in the country is small and that the price will rather advance.

In the probable scarcity of potatoes, it is strongly recommended to scoop the set out of the potato, to be laid up for seed. The remainder of the potatoes thus preserved will serve as a useful addition to the stock for eating, without injuring the potatoes, if they are used the same day, otherwise they may be injured by the action of the iron of the scoop or knife blackening the potatoes. The sets thus taken out, may be kept safely for several weeks, till they are wanted for planting. In the scarcity of 1801, the scooped seed was found to answer very well, and produced a most abundant crop. If this plan were generally adopted, a considerable saving might be effected, and an important addition made to the stock of this useful article of food. The sooner efforts are made to economize, the saving will be greater.

NATURALIST'S REPORT.

From December 20, 1811, to January 20, 1812.

- Dec. 26, Owing to the mildness of the weather, the Garden Marigold (*Calendula officinalis*) continues flowering.
 Jan. 5, Common Wren (*Motacilla Troglodytes*) singing.
 16, Robin (*Motacilla Rubecula*), Common Wren, and Wood Lark (*Alauda Ar-borea*), singing.
 17, Hedge Sparrow (*Motacilla modularis*) singing.
 18, Snowdrops (*Galanthus Nivalis*) two or three inches above ground.

METEOROLOGICAL REPORT.

From December 20, 1811, to January 20, 1812.

- Dec. 21—26,.....Fine days, frosty nights.
 27—28,.....Snow and Rain.
 29—30,.....Fine days, with frost.
 31,.....Thaw, with light showers.
 Jan. 1,.....Dark day, with some light showers.
 2,.....Fine.
 3,.....Frosty, with a thick fog.
 4,.....Thaw, with some snow.
 5,.....Fine day, snow and frost.
 6,.....Dark day, thawing, trifling showers.
 7,.....Frosty morning, dark day, thawing.

- 8,.....Dark frosty day.
 9,.....Dark, with a wet evening.
 10—11,.....Dark dry day.
 12,.....Fine, frosty.
 13,.....Dark, frosty.
 14,.....Frosty morning, dark foggy day.
 15—16,.....Fine days.
 17,.....Fine day, some Rain at night.
 18,.....Dark, and stormy, with some rain at night.
 19—20,.....Dark, with high wind.

During this period, there has been little variation observed in the Barometer; its highest was on the 8th of January, when it was at 30—3; its lowest on the 4th, when it was 29—2; its mean state, 30.

The Thermometer was on the 22d of December, at 8 A.M., 45, its lowest, Dec. 30, was 26, (the lowest it has been this season), the mean was not below the freezing point.

The Wind has been observed N.E. 8...N.W. 17...S.W. 13, and W. 3 times, so that the Westerly have been the most prevalent winds.

ECLIPSES OF JUPITER'S SATELLITES.

1st SATELLITE.				2d SATELLITE.				3d SATELLITE.				4th SATELLITE.			
<i>Emersions</i>				<i>Emersions</i>											
DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.
2	18	12	28	1	6	35	36	7	1	24	26 Im.	11	15	58	45 Im.
4	12	41	15	4	19	54	48	7	4	29	20 E.	11	17	32	39 E.
6	7	9	59	8	9	13	12	14	5	24	34 Im.	28	9	58	57 Im.
8	1	38	48	11	22	32	20	14	8	30	17 E.	28	11	51	2 E.
9	20	7	33	15	11	50	46	21	9	24	49 Im.	1st Sat. continued			
11	14	35	22	19	1	9	48	21	12	31	24 E.				
13	9	5	8	22	14	28	13	28	13	24	34 Im.	22	5	29	11
15	3	33	57	26	3	47	9	28	16	32	1 E.	23	23	57	58
16	22	2	44	29	17	5	33					25	18	26	49
18	16	31	34									27	12	55	37
20	11	0	20									29	7	24	29

Look to the right hand*

ERRATA.

2nd page of the Index, 1st col. 1st and 2d lines, for "Antrim Catholic meeting, 331, Leckey, J. G. letter from, to the Co." read "Leckey, J. G. letter from, to the Co. Antrim Catholic meeting, 331.—Page 508, In the comparative merits of Bell and Lancaster's system of national education, for "Expense of a school for 100 children," read "Expense of a school for 1000 children."—1st page of the Index, 1st col. 23d line, for "Bleachgreen robbery," read "Bleachgreen robbery."

TO CORRESPONDENTS.

The nature of our miscellany is misunderstood.—We cannot stoop to the insertion of riddles or rebuses. Even if such should at times be the productions of genius, it is of genius misapplied, and which ought to be employed to better purposes.

The first part of the Sketch of a Ramble by S. M. S. has been received, and shall appear in the next number. The remainder is immediately requested, that it may all appear in one magazine. It seldom answers to divide short articles. The analysis of 1811, by Don Juan De Calderone, is too late for publication in this number.